

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6615113

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAICHI SHIMIZU	08/05/2020
YOSUKE TAJIKA	08/05/2020
HIROSHI AMANO	08/05/2020
YUICHI HIGUCHI	08/05/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.
<b>Street Address:</b>	1-61, SHIROMI 2-CHOME, CHUO-KU, OSAKA-SHI
<b>City:</b>	OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	540-6207
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16975618
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	epas.pkp@ml.jp.panasonic.com
<b>Correspondent Name:</b>	PASONA KNOWLEDGE PARTNER INC.
<b>Address Line 1:</b>	8F OBP PANASONIC TOWER
<b>Address Line 2:</b>	1-61, SHIROMI 2-CHOME, CHUO-KU
<b>Address Line 4:</b>	OSAKA, JAPAN 540-6208
<b>ATTORNEY DOCKET NUMBER:</b>	P1013512US02
<b>NAME OF SUBMITTER:</b>	TETSUO HIRABAYASHI
<b>SIGNATURE:</b>	/Tetsuo HIRABAYASHI/
<b>DATE SIGNED:</b>	03/22/2021
<b>Total Attachments: 4</b>	
source=Assignment 16975618(P1013512US02 McDermott)#page1.tif	
source=Assignment 16975618(P1013512US02 McDermott)#page2.tif	
source=Assignment 16975618(P1013512US02 McDermott)#page3.tif	



**Panasonic Ref\*:** P1013512US02  
**Japan Firm Name:** Nii Patent Firm  
**US Firm Name\*:** MWE  
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Application Serial No. \_\_\_\_\_  
 Japan Firm Ref: FP18454  
 US Firm Ref: \_\_\_\_\_

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WHEREAS, **Panasonic Intellectual Property Management Co., Ltd.** of 1-61, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-6207 Japan, and \_\_\_\_\_

its/their heirs, successors, legal representatives and assigns (hereinafter designated as "Assignee(s)") is/are desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and intended to be legally bound hereby, the undersigned, by these presents, does sell, assign and transfer unto said Assignee(s) the entire and exclusive right, title and interest in and to: (i) said invention in the United States of America, its territories, dependencies and possessions (hereinafter designated as the United States) and in all countries foreign to the United States; and (ii) this patent application and any and all related patent application(s) disclosing said invention, including provisionals, non-provisionals, conversions, divisions, continuations, continuations-in-part and reissues thereof in the United States and all countries foreign to the United States (hereinafter designated as "Related Applications"), along with all rights of priority created by this patent application under any treaty relating thereto; and (iii) any and all Letters Patent(s), including all renewals, extensions, reissues and reexamination certificates which may be granted therefore, and all rights to sue for past and future infringement thereunder, in the United States and in all countries foreign to the United States for the full term or terms thereof.

The undersigned agree(s) to execute all papers necessary in connection with this application and any and all Related Applications thereof, all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, all papers necessary in connection with any interference which may be declared concerning this application or any and all Related Applications thereof and to cooperate with the Assignee(s) in every way possible in obtaining and producing evidence and proceeding with such interference, and for any and all litigations regarding, or for the purpose of protecting the right, title and interest in and to said invention, this application and any and all Related Applications or Letters Patent(s) therefore, and to testify in any legal proceeding relating thereto and in support thereof, for the benefit of Assignee(s), and also to execute separate assignments in connection with such applications as the Assignee(s) may deem necessary or expedient.

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IN WITNESS WHEREOF, executed by the undersigned on the date(s) following the undersigned name(s) and signature(s).

Box2 (Each Inventor, please Sign and Date below)			
	(e) First Name, Last Name	(f) Signature	(g) Date signed <small>Month, Date, Year</small>
(1)	<b>Taichi SHIMIZU</b>	/Taichi Shimizu/	August 5, 2020
(2)	<b>Yosuke TAJIKA</b>		<small>Month, Date, Year</small>
(3)	<b>Hiroshi AMANO</b>		<small>Month, Date, Year</small>
(4)	<b>Yuichi HIGUCHI</b>		<small>Month, Date, Year</small>

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(2)	Yosuke	TAJIKA	/Yosuke TAJIKA/ <small>Month, Date, Year</small> Aug.5,2020
(3)	Hiroshi	AMANO	_____ <small>Month, Date, Year</small>
(4)	Yuichi	HIGUCHI	_____ <small>Month, Date, Year</small>

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